

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A method ~~of exchanging multimedia data between a multimedia device and a network~~, comprising:

digitally coupling a communications device to the multimedia device via a Universal Plug and Play (UPnP) network;

determining multimedia capabilities of the multimedia device via the UPnP network;

storing, on a data store accessible via the a network that supports mobile communications with the communications device, a profile of the communications device describing multimedia capabilities of the communications device, the profile adapted to include a description of the multimedia capabilities of the multimedia device;

accessing the profile for purposes of formatting the multimedia data via a network entity;

formatting ~~the~~ multimedia data via the network entity based on the profile so that the data is compatible with the multimedia device, wherein the multimedia data is targeted for the communications device; and

exchanging the multimedia data between the multimedia device and the network via the communications device.

2. (Original) The method of claim 1, wherein the multimedia device comprises at least one of a television, a digital media center, and an audio playback device.

3. (Original) The method of claim 1, wherein the profile comprises an XML formatted document.

4. (Original) The method of claim 3, wherein the profile comprises a User Agent Profile.

5. (Original) The method of claim 1, wherein the storing the profile comprises updating the profile using a Profile-Diff header in a message sent to the data store.
6. (Original) The method of claim 1, wherein the data store comprises a CC/PP repository.
7. (Original) The method of claim 1, wherein the network entity comprises a Multimedia Messaging Service Center (MMSC).
8. (Original) The method of claim 1, further comprising:
 uncoupling the communications device from the multimedia device; and
 updating the profile on the data store to remove the description of multimedia capabilities of the multimedia device.
9. (Original) The method of claim 1, wherein the communications device comprises a wireless mobile terminal.
10. (Original) The method of claim 1, wherein the communications device comprises a cellular phone.
11. (Cancelled)
12. (Currently amended) The method of claim ~~11~~, wherein the communications device is configured to operate as an Internet Gateway Device for the UPnP network.
13. (Original) The method of claim 12, wherein the UPnP network comprises a wireless UPnP network.
14. (Currently amended) A computer-readable medium having instructions stored thereon which are executable by a communications device capable of being coupled to a) a mobile communications network and b) a multimedia device via a UPnP network, for performing steps comprising:

determining multimedia capabilities of the multimedia device via the UPnP network;
storing, on a data store accessible via the network, a profile of the communications device that describes multimedia capabilities of the communications device, the profile adapted to include a description of the multimedia capabilities of the multimedia device; and
exchanging multimedia data between the multimedia device and the mobile communications network, the multimedia data targeted for the communications device and formatted by a computing arrangement on the network in a format compatible with the multimedia device based on the profile accessed by the computing arrangement via the data store.

15. (Original) The computer-readable medium of claim 14, wherein the multimedia device comprises at least one of a television, a digital media center, and an audio playback device.

16. (Original) The computer-readable medium of claim 14, wherein the profile comprises a User Agent Profile.

17. (Original) The computer-readable medium of claim 14, wherein the storing the profile comprises updating the profile using a Profile-Diff header in a message sent to the data store.

18. (Original) The computer-readable medium of claim 14, wherein the data store comprises a CC/PP repository.

19. (Original) The computer-readable medium of claim 14, wherein the steps further comprise updating the profile on the data store to remove the description of multimedia capabilities of the multimedia device in response to uncoupling the communications device from the multimedia device.

20. (Original) The computer-readable medium of claim 14, wherein the communications device comprises a wireless mobile terminal.

21. (Original) The computer-readable medium of claim 14, wherein the communications device comprises a cellular phone.

22. (Currently amended) A system comprising:

- a multimedia device having a data interface coupled to a UPnP network and capable of handling multimedia data exchanged via the data interface;

- a mobile communications network having a data store configured to store capabilities profiles and a computing arrangement configured to access profiles on the data store and format multimedia data based on the capabilities profiles; and

- a communications device coupled to the mobile communications network comprising,
 - a data interface configured to exchange multimedia data with the data interface of the multimedia device via the UPnP network;

- a processor coupled to a memory and the data interface, the memory containing instructions configured to cause the processor to,

- determine multimedia capabilities of the multimedia device via the UPnP network;

- store on the data store a profile of the communications device that describes multimedia capabilities of the communications device, the profile adapted to include a description of multimedia capabilities of the multimedia device;

- transfer multimedia data between the multimedia device and the mobile communications network, the multimedia data targeted for the communications device and formatted by the computing arrangement based on the profile accessed by the computing arrangement via the data store.

23. (Original) The system of claim 22, wherein the multimedia device comprises at least one of a television, a digital media center, and an audio playback device.

24. (Original) The system of claim 22, wherein the profile comprises a User Agent Profile.

25. (Original) The system of claim 22, wherein the storing the profile comprises updating the profile using a Profile-Diff header in a message sent to the data store.

26. (Original) The system of claim 22, wherein the data store comprises a CC/PP repository.

27. (Original) The system of claim 22, wherein the computing arrangement comprises a Multimedia Messaging Service Center (MMSC).

28. (Original) The system of claim 22, wherein the communications device comprises a wireless mobile terminal.

29. (Original) The system of claim 22, wherein the communications device comprises a cellular phone.

30. (Cancelled)

31. (Currently amended) The system of claim ~~22~~ 30, wherein the communications device is configured to operate as an Internet Gateway Device for the UPnP network.

32. (Original) The system of claim 31, wherein the UPnP network comprises a wireless UPnP network.

33. (Currently amended) An apparatus ~~communications device~~, comprising:

a network interface configured to exchange data over a mobile communications network;

a digital interface configured to exchange multimedia data with a multimedia device via a UPnP network;

a processor coupled to the network interface and the digital interface; and

a memory coupled to the processor and containing instructions configured to cause the processor to,

determine multimedia capabilities of the multimedia device via the UPnP network;

store, on a data store accessible via the network, a profile of the apparatus communications device that describes multimedia capabilities of the apparatus communications device, the profile adapted to include a description of multimedia capabilities of the multimedia device; and

transfer multimedia data between the multimedia device and the mobile communications network, the multimedia data targeted for the apparatus and formatted at a computing arrangement on the mobile communications network so as to be compatible with the multimedia device based on the profile accessed by the computing arrangement via the data store.

34. (Currently amended) The apparatus communications device of claim 33, wherein the multimedia device comprises at least one of a television, a digital media center, and an audio playback device.

35. (Currently amended) The apparatus communications device of claim 33, wherein the profile comprises a User Agent Profile.

36. (Currently amended) The apparatus communications device of claim 33, wherein the storing the profile comprises updating the profile using a Profile-Diff header in a message sent to the data store.

37. (Currently amended) The apparatus communications device of claim 33, wherein the data store comprises a CC/PP repository.

38. (Currently amended) The apparatus communications device s device of claim 33, wherein the apparatus communications device comprises a wireless mobile terminal.

39. (Currently amended) The ~~apparatus-communications device~~ of claim 33, wherein the ~~apparatus-communications device~~ comprises a cellular phone.

40. (Currently amended) A system ~~for exchanging multimedia data between a network and a multimedia device~~, comprising:

means for determining a multimedia capability of the multimedia device via a UPnP network;

means for forming a description of the multimedia capability of the multimedia device suitable for entry into a data store of a mobile communications network;

means for storing, on ~~[[a]]the data store accessible via the network~~, a profile including a adapted to include the description of the multimedia capability capabilities of the multimedia device;

means for accessing the profile for purposes of formatting the multimedia data;

means for formatting the multimedia data for the multimedia device based on the profile; and

means for exchanging data between the mobile communications network and the multimedia device via a communications device.

41. (Currently amended) A method ~~of exchanging multimedia data between a multimedia device and a communications device via a network~~, comprising:

determining multimedia capabilities of the multimedia device ~~via~~ by the communications device via a Universal Plug and Play (UPnP) network;

storing a profile of the communications device on a data store coupled to ~~the~~ a mobile communications network, the profile having a description of multimedia capabilities of the communications device and adapted to include a description of the multimedia capabilities of the multimedia device; and

transferring multimedia data between the communications device and the multimedia device via the UPnP network, the multimedia data formatted at a computing arrangement on the mobile communications network so as to be compatible with the multimedia device based on the profile.